



C320

User's Manual



R01 (USA)

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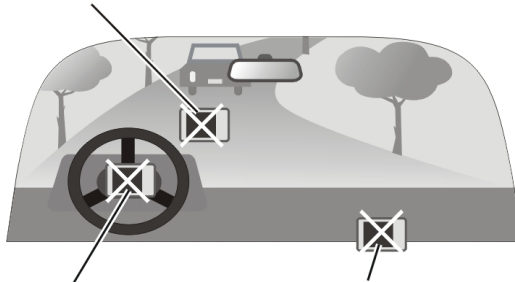
Precautions and Notices

- For your own safety, do not operate the controls of the product while driving.
- Use this product prudently. The product is intended for use solely as a navigation aid. It is not for precise measurement of direction, distance, location or topography.
- The calculated route is for reference only. It is the user's responsibility to follow the traffic signs and local regulations along the roads.
- When you get out of the car, do not leave your device on the dashboard subjected to direct sunlight. Overheating of the battery can cause malfunction and/or danger.
- GPS is operated by the United States government, which is solely responsible for the performance of GPS. Any change to the GPS system can affect the accuracy of all GPS equipments.
- GPS satellite signals do not typically pass through solid materials such as brick, concrete, or lead-coated safety glass. When inside a tunnel, building or under-ground parking structures, GPS positioning will not typically be available.
- A minimum of 4 GPS satellite signals are typically needed to determine your GPS position. Signal reception can be affected by dense overhead structures, severe weather, geographic location or time of day.
- Other wireless devices in the vehicle might interfere with the reception of satellite signals and cause the reception to be unstable.
- Your GPS device is always tracking your location (you are the green arrow) when the navigation software is running and GPS signal is available. Your GPS device is not designed to broadcast its location; therefore it can not be tracked by anyone else.

- A device holder is needed when using the device in a car. Be sure that you place the device in an appropriate place, so as not to obstruct the driver's view, or deployment of airbags.

Do not mount where the driver's field of vision is blocked.

Do not place unsecured on the dashboard.



Do not mount in front of airbag panels.

Do not mount in front of an airbag field of deployment.

1

Getting Started

1.1 Understanding Hardware Components

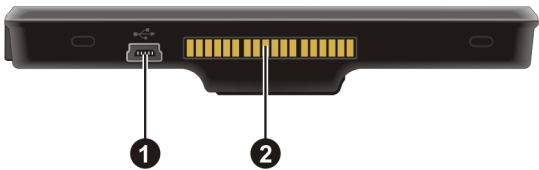
NOTE: Depending upon the specific model purchased, the color of your device may not exactly match the device shown in this manual.

Top Components



Ref	Component	Description
①	Power Button	Turns on and off the device. (Pressing briefly or for a long duration makes a difference. See Sections 1.6 and 6.1 for information.)

Bottom Components



Ref	Component	Description
①	Mini-USB Connector	Connects to the charger or USB cable.

-
- ❷

Cradle Connector

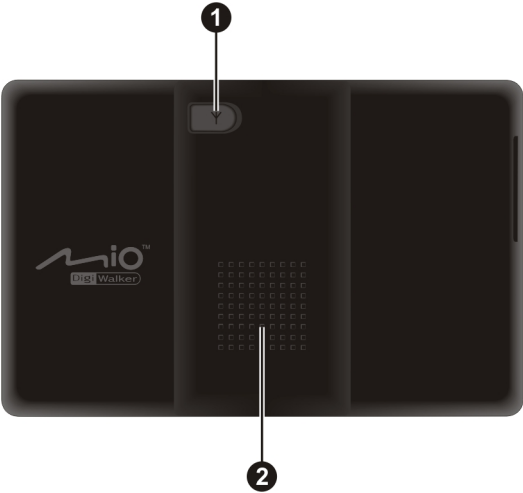
Connects to the cradle (purchased separately).
-

Front Components



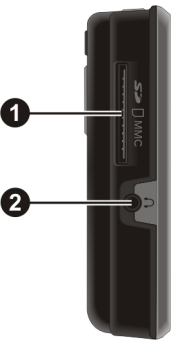
Ref	Component	Description
❶	Touch Screen	Displays the output of your device. Tap the screen with your fingertip to select menu commands or enter information.
❷	Charge Indicator	Glows bright amber to indicate that the battery is charging, and turns green when the battery is fully charged.

Back Components



Ref	Component	Description
1	External GPS Antenna Connector	This connector (under rubber dust cover) allows use of an optional external GPS antenna with magnetic mount, which may be positioned on top of the car for better signal reception in areas with poor reception.
2	Speaker	Sends out music, sounds and voice.

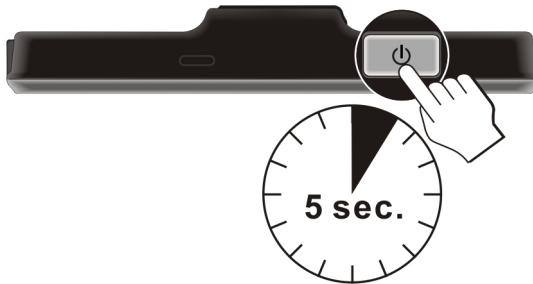
Left-Side Components



Ref	Component	Description
①	SD/SDHC/MMC Slot	Accepts a SD (Secure Digital), SDHC (Secure Digital High Capacity), or MMC (MultiMediaCard) card for accessing data such as MP3 music.
②	Headphone Connector	Connects to stereo headphones.

1.2 Performing the Initial Start Up

- For the initial start up, press the power button for 5 seconds to turn on your device.



| NOTE: For normal operation, briefly press the power button to turn on and off your device.

- Your device turns on. Immediately charge your device as described in the next section.
- The “Switch Language” screen appears. Tap the arrow button to select the desired language. Then, tap the  button.



4. The “Date/Time” screen appears. Tap the appropriate arrow button to select the time zone, date, and time. Then, tap the  button.



5. The Home screen appears. You can now use your device.



1.3 Connecting to AC Power and Charging the Battery

When charging the battery for the very first time, you should charge it for at least 8 hours.

1. Slide and click the connector converter onto the AC adapter.
2. Connect the adapter cable to the bottom of your device.
3. Plug the AC adapter into a wall outlet.



4. The charge indicator glows amber when charging is in progress. Do not disconnect your device from AC power until the battery is fully charged, the charge indicator will turn green. This will take a couple of hours.

NOTE:

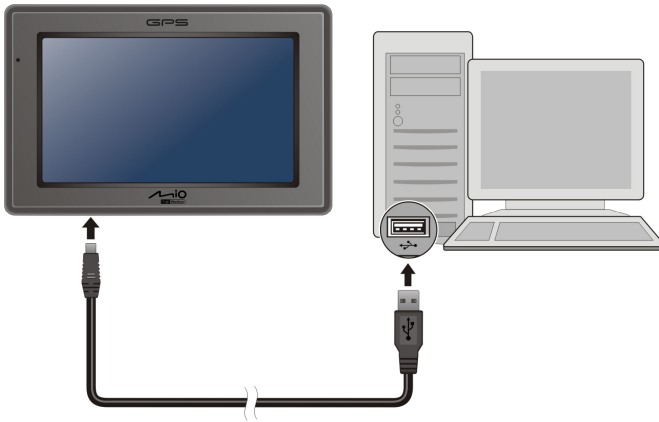
- Do not immediately turn on your device after connecting the AC adapter to charge a power-depleted battery. If you need to turn on the device again, wait for at least one minute.
- Depending on your region of purchase, the connector converter may not look exactly the same as the picture shown.

CAUTION: For optimal performance of the lithium battery:

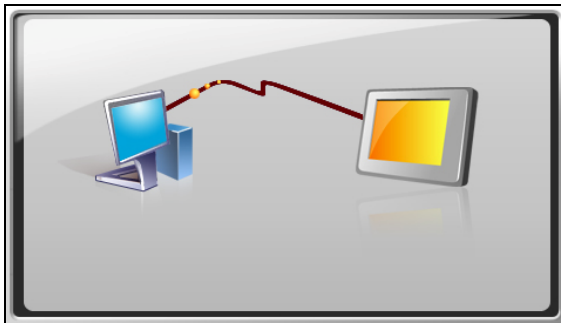
- Do not charge the battery where the temperature is high (e.g. in direct sunlight).
- There is no need to fully discharge the battery before charging. You can charge the battery before it is discharged.
- When storing the product for a long period of time, be sure to fully charge the battery at least once every two weeks. Over discharge of the battery can affect the charging performance.

1.4 Charging the Battery via the USB Cable

1. Turn on the computer.
2. Connect the mini-USB end of the USB cable to the bottom of your device and the other end to a USB port on your computer.



3. If your device is on, the screen as shown below appears. Whenever your device is connected to a computer, you will not be able to use it.



NOTE:

- When the device is connected to a computer, it is recognized as an external mass storage device. Do not delete any files pre-installed in the device. Deleting files of which the function is unknown can cause programs or features to malfunction.
- If you intend to charge your device in this way, turn off your device so that it takes less time to charge the battery.

1.5 Using Your Device in a Vehicle

CAUTION:

- Select an appropriate location for mounting the device in a vehicle. Never place the device where the driver's field of vision is blocked. Make sure that the GPS antenna has a clear view of the sky.
- If the car's windshield is tinted with a reflective coating, an external antenna (optional) may be needed to route the antenna to the top of the vehicle through a window. When closing the window, be careful not to pinch the antenna cable.

Using the Device Holder

Use the device holder to mount your device in a vehicle. Make sure that the GPS antenna has a clear view of the sky. (See the document supplied with the device holder for the installation instruction.)



Connecting the Car Charger

The car charger supplies power to your device when you are using the device in a car.

CAUTION: To protect your device against sudden surges in current, connect the car charger only after the car engine has been started.

1. Connect one end of the car charger to the power connector of the cradle.
2. Connect the other end to the cigarette lighter in the car to power and charge your device.



1.6 Operating Basics

Turning On and Off

For normal operation, turn off the device by briefly pressing the power button. The device enters a suspended state.



When you next briefly press the power button, the system resumes. You will either be back to where you left off or see the Home screen.

NOTE:

- The screen you see after resuming depends on the program you were using when you suspended the device. Some programs will be closed when you suspend the device, meaning you can only see the Home screen after resuming.
- Pressing the power button for a longer duration has a different effect. See Section 6.1 for more information.

Navigating on the Screen

To operate your device, touch the screen with your fingertip. You can perform the following actions:



- **Tap**
Touch the screen once with your fingertip to open items or select onscreen buttons or options.
- **Drag**
Hold your fingertip on the screen and drag up/down/left/right or across the screen.
- **Tap and hold**
Tap and hold your fingertip until an action is complete, or a result or menu is shown.

Home Screen

The first time you initialize your device, the **Home** screen appears. The **Home** screen is your starting place for various tasks. Tap a button to start a program or open another menu. When you exit a program, you are back to the **Home** screen.



Button Name	Description	For Detailed Information
MioMap	Starts the navigation software.	See the MioMap manual
Audio	Plays audio files.	Chapter 2
File Manager	Transfers multimedia files between a storage card and the device's flash memory.	Chapter 3
Settings	Customizes the system settings.	Chapter 4

1.7 Inserting a SD/SDHC/MMC Card

Your device has a slot where you can insert an optional SD/SDHC/MMC storage card.

To use a storage card, insert it into the slot, with the connector pointing to the slot and its label facing the front of the device.



To remove a card, first make sure that no application is accessing the card, then slightly push the top edge of the card to release it and pull it out of the slot.

| NOTE: Make sure that no foreign objects enter the slot.

2

Audio

2.1 Starting and Exiting Audio

Audio features:

- Playback of MP3/WAV/WMA files
- Basic playback controls such as play, pause, stop, next and previous
- Playback includes single selection playback, repeat, single repeat, sampling playback, normal sequence and random sequence.
- 11 preset equalizer audio profiles
- Play list support
- Background playback
- Lyrics display

Tap **Audio** on the Home screen to start the program.



The control panel appears on the screen where you can easily control the player by tapping the control buttons.



To exit the program, tap .

2.2 Preparing the Audio Files for Your Device

Before using the program, have the files (.mp3, .wav, or .wma) ready on either your device's **My Flash Disk\My Audio** folder or on a storage card.

2.3 Playing Audio Files

1. If your files are in a storage card, insert the card into your device.
2. Tap **Audio** on the Home screen to start the program.
3. The program will search for the supported audio files in your device and in the storage card. When files are detected, they will be added to the play list.

| NOTE: You can create your own play lists for future playback. (See section 2.6 for details.)

4. To start the playback, tap . To control the playback, use the control buttons as described later.



The information area displays the current status including the play/pause/stop status, the elapsed time, the power status, the playback mode, the volume level, and the properties of the current song such as the artist (if available with the file), filename, total length, and stereo/mono information.

NOTE:

- During the playback, the screen will automatically blank out if you haven't tapped the screen within the preset time (30 seconds by default). The screen will restore when you press the power-button or when the playback of the current play list has ended.
- If the total length of a song exceeds 99 minutes and 59 seconds, the information area cannot correctly display the length because the maximum number allowed is 99:59. However, the playback of the song is not affected.

2.4 Playback Controls

Control Button	Name	Description
	Play/Pause	Plays or pauses the playback.
	Stop	Stops the playback.
	Previous/Next	Plays the previous or next file.
	Volume	Increase or decrease the volume. The indicator on the panel shows the current volume level.
	Track Bar	You can tap on a point along the track bar to move directly to a different location for the playback.

Control Button	Name	Description
	Playback Mode	Switches to the next mode:
	 Repeat One	Repeated playback of the current file.
	 Repeat All	Repeated playback of all files in the current play list in sequence.
	 Shuffle	Playback of all files in the current play list in random order.
	 Intro	Sampling (10 seconds) playback of all files in the current play list in random order.
	 Normal	Playback of all files in the current play list in sequence.
	Lyrics	Opens the lyrics display. Available only if the current song is with lyrics. (See section 2.5 for more information.)
	Minimize	Minimizes the control panel and play the music in the background.
	Play List	Opens the play list. (See section 2.6 for more information.)
	Equalizer	Opens the equalizer panel. (See section 2.7 for more information.)
	Settings	Opens the Settings screen for setting up power saving mode and accessing help. (See Section 2.8 for more information.)
	Exit	Closes the program and returns to the Home screen.

2.5 Displaying Lyrics

The program allows you to display the real-time lyrics on the screen while playing songs. This feature is especially handy for you to sing along with the songs.

Preparing the Lyrics Files for your Device

To display the lyrics, you need to have the lyrics files (.lrc) ready on your device's \My Flash Disk\My Audio\Lyric\ folder or the \My Audio\Lyric\ folder on your storage card.

| **NOTE:** You can search and download these .lrc files from the Internet.

When copying a lyric file to your device, be sure to use the same filename as the audio file. For example, if a MP3 file is named **My Love.mp3**, the lyrics filename must be **My Love.lrc**.

| **NOTE:** When playing songs with lyrics, the 30-second screen-off feature will be disabled.

Playing Songs with Lyrics

The  button is available when you're playing a song with lyrics. Tap this button to view the lyrics.



As the song plays, the lyrics scroll line by line on the screen, with the current line highlighted by a different color. The background image changes at an interval of 30 seconds, with a total of 5 images.

To close the lyrics screen and go back to the control panel, tap anywhere on the screen.

2.6 Using the Play Lists

You can create your own play lists for future use.

Creating a Play List

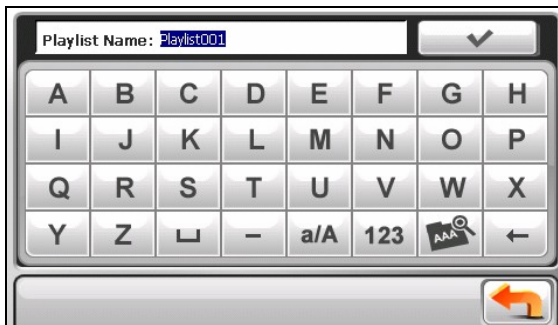
1. Tap  on the control panel to open the play list screen. The screen shows the current play list.



2. To add a song to the play list, tap .
3. A screen appears displaying all the audio files. Tap the song(s) you wish to add and then tap .



4. To save the play list, tap .
5. The keyboard screen appears where you can change the default name of the play list. Rename the play list if you want. Tap  when finished.



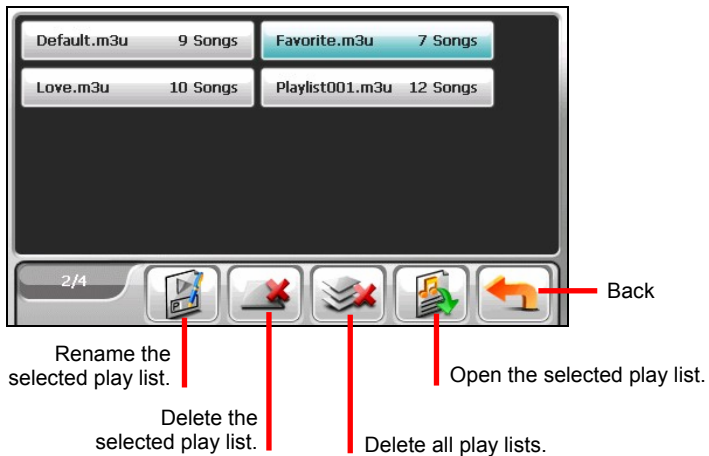
6. To return to the control panel, tap .

Opening a Play List

To open one of the play lists that you have created:

1. Tap  on the control panel.
2. Tap  to display all the play lists you have created.

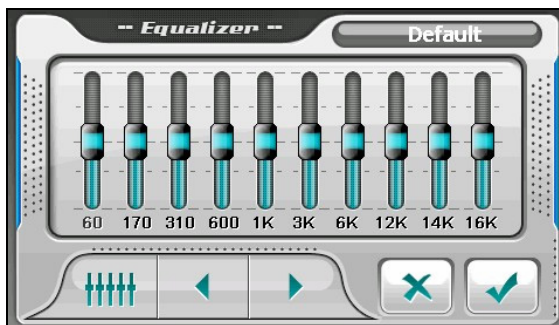
3. Tap the play list you want to open and tap .



4. To return to the control panel, tap .

2.7 Equalizer

The program provides 11 preset audio profiles. Tap  to open the equalizer panel.



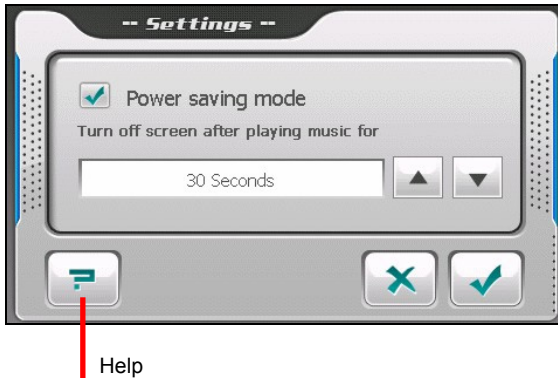
Tap  or  to cycle through the available options: *Default, Rock, Pop, Jazz, Classical, Dance, Heavy, Disco, Soft, 3D and Hall.*

Tap  to save your selection and return to the control panel.

To select the *Default* profile, tap .

2.8 Settings

Tap  on the control panel. The Settings screen appears.



NOTE: To know the function of each button, you can tap . Then tap the button on the list to display a description line on the right side of the screen.

Tap the check box (✓) to turn on the power saving mode. Tap the up/down button to set the timer to *10 seconds*, *30 seconds*, *1 minute*, or *5 minutes*. During the playback, the screen will automatically blank out if you haven't tapped the screen within the preset time (30 seconds by default). The screen will restore when you press the power button or when the playback of the current play list has ended.

Tap  to save any changes you have made.

3

File Manager

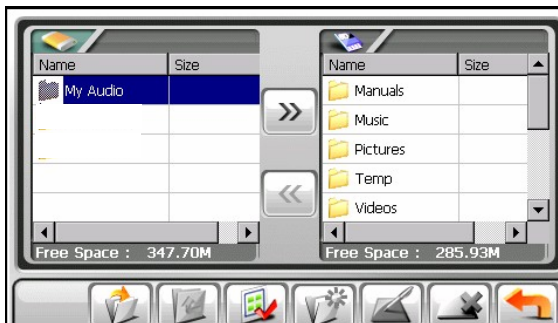
3.1 Starting and Exiting File Manager

File Manager allows you to transfer multimedia files between your device and a storage card.

Tap **File Manager** on the Home screen to start the program.



The File Manager screen shows specific folders of your device in the left column and the folder(s)/file(s) of the storage card, if inserted, in the right column.



NOTE: The left column shows only “specific” folders in the **My Flash Disk** of your device. “Specific” folders refer to pre-defined data folders for multimedia programs (such as **My Audio** folder for the Audio program). Other folders are not accessible within the File Manager program.

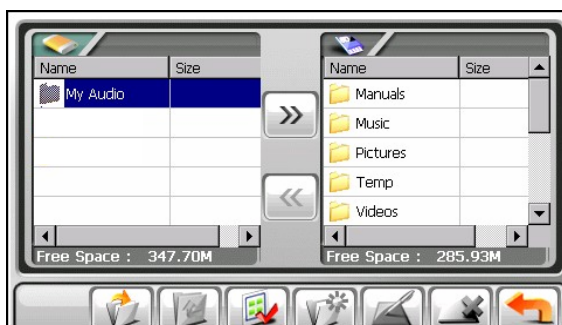
To exit the program, tap .

3.2 Transferring Files

From the Storage Card to Your Device

1. Insert the storage card.
2. Tap **Tools** on the Home screen and then tap **File Manager** to start the program.

By default, the first folder of your device’s **My Flash Disk** is highlighted.

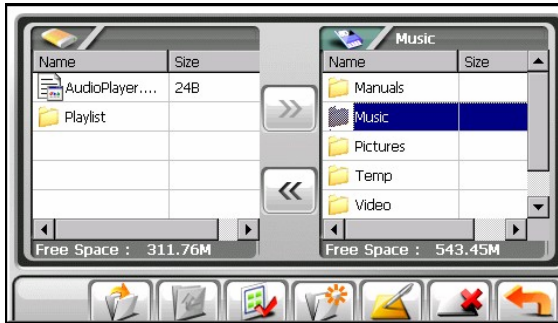


3. To select the target folder, tap twice the folder in the left column to open it. Or, tap the folder and then tap  to open the folder.



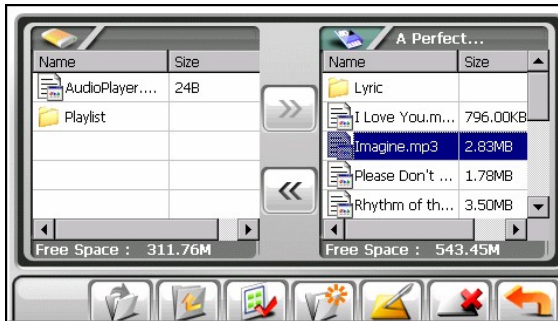
4. If the source file is in a folder of the storage card, tap twice the folder in the right column to open the folder. Or, tap the folder and then tap  to open the folder.

If you want to select all folders, tap .



5. Select your source file by tapping it in the right column.

If you want to select all files, tap .



| NOTE: To go up one level, tap .

6. Tap  to copy the selected file to the target folder.

From Your Device to the Storage Card

Use the same method as described in the previous sub-section to copy files from your device to the storage card except that the direction is from the left column to () the right column.

3.3 Managing Folders and Files

In addition to copying files, File Manager provides the below functions:

-  **Rename**
Changes the name of the selected folder/file.
-  **Delete**
Deletes the selected folder/file.
-  **New Folder**
Creates a new folder in the selected folder.

NOTE: You cannot rename or delete the pre-defined folders of your device. You cannot create new folders in the root level of your device.

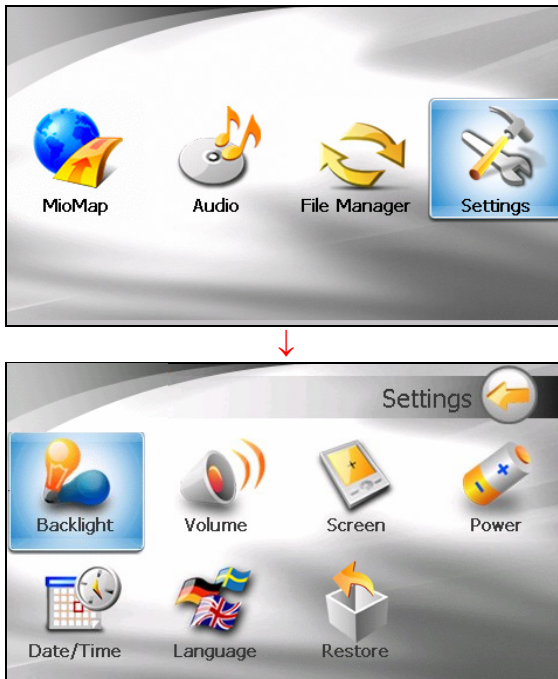
4

Settings

4.1 Starting and Exiting Settings

You can customize the system settings such as backlight brightness, volume, and language. Once you change the settings, the new settings will remain until you change them again.

Tap the **Settings** button on the Home screen. The Settings menu appears as shown below.

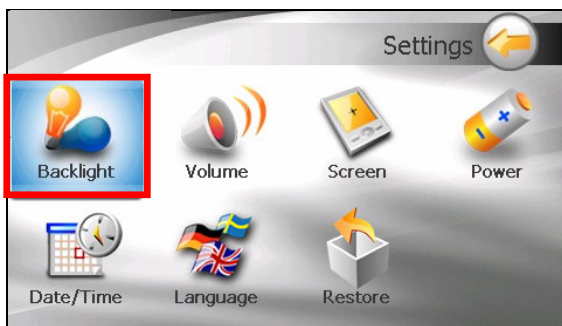


To exit Settings, tap .

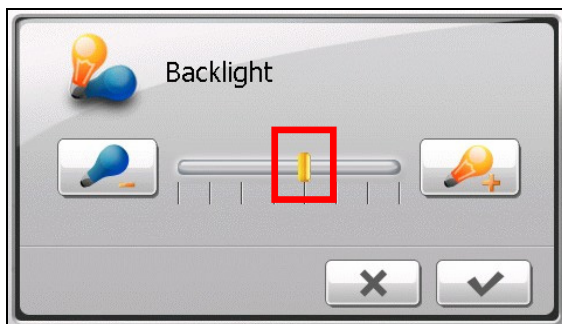
The following sections describe the various buttons and their functions.

4.2 Backlight

1. Tap the **Settings** button on the Home screen.
2. Tap the **Backlight** button.



3. Move the knob along the track bar to adjust the brightness of the backlight. To darken the backlight, move the knob to the left. To lighten the backlight, move the knob to the right.



4. Tap  to save the changes.

4.3 Volume

1. Tap the **Settings** button on the Home screen.
2. Tap the **Volume** button.



3. Move the knob along the track bar to adjust the volume. To decrease the volume, move the knob to the left. To increase the volume, move the knob to the right.

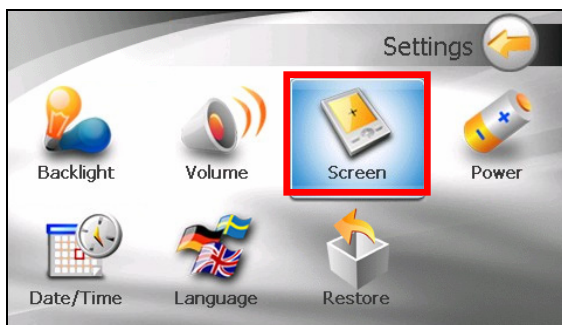


4. Tap  save the changes.

4.4 Screen

You can calibrate the touch screen if it is not responding accurately to your taps.

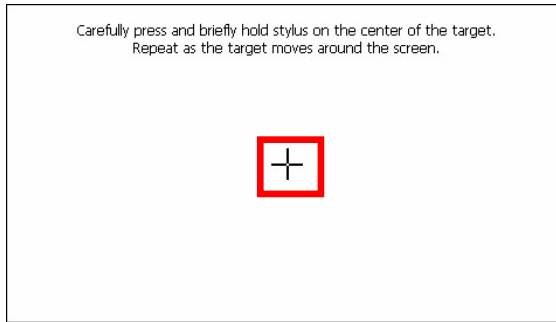
1. Tap the **Settings** button on the Home screen.
2. Tap the **Screen** button.



3. Tap  to start the calibration.



4. Tap and hold the centre of the target.

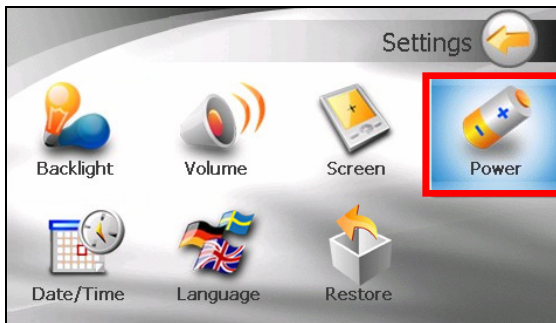


5. When the target moves to another position, tap and hold the centre of the new target. Repeat each time to complete the calibration process.
6. When completed, tap .

4.5 Power

To check the remaining power level of your battery and/or set up the power saving feature:

1. Tap the **Settings** button on the Home screen.
2. Tap the **Power** button.



3. The screen shows the remaining power of your battery.

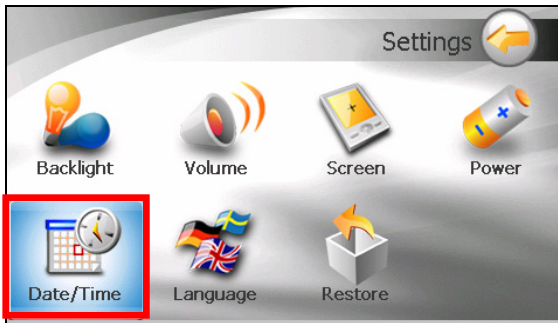
You can set a timer to automatically turn off your device when it is idle for a set period of time. The options include **Never**, **30 minutes**, **20 minutes**, and **10 minutes**.



4. Tap  to save the changes.

4.6 Date/Time

1. Tap the **Settings** button on the Home screen.
2. Tap the **Date/Time** button.



3. To change the time zone, tap the arrow in the “Time Zone” item.



4. To change the date, tap the down arrow in the “Date” item. A calendar pops up. Tap the left arrow on the calendar to go to the earlier month and year or the right arrow to the later month and year. Alternatively, you can tap the month or year on top of the calendar to directly change the month or year.

When the calendar shows the current month, tap the date on the calendar.



5. To set the time, first tap the hour, minute, or second in the “Time” item and then tap the up arrow to increase or down arrow to decrease the value.
6. Tap  to save the changes.

4.7 Language

1. Tap the **Settings** button on the Home screen.
2. Tap the **Language** button.



3. Tap the up/down arrow button to select the desired language.

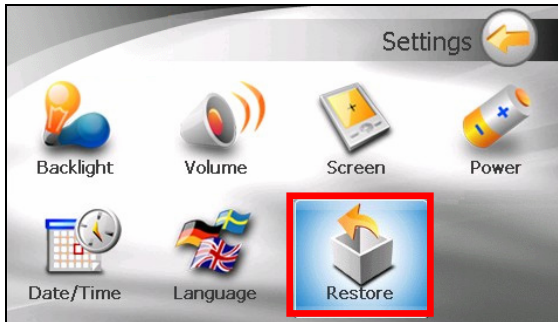


4. Tap  to save the changes.

4.8 Restore

To restore the settings to factory default values:

1. Tap the **Settings** button on the Home screen.
2. Tap the **Restore** button.



3. Tap .

5

POI Loader

5.1 Installing POI Loader

POI Loader allows you to import additional POI (Point of Interest) data to an SD card for the MioMap program to use. When MioMap starts, it will load the POI data from the SD card and show the additional locations in the **My POI** category of the **POI** function. (See MioMap manual for information on POIs.)

1. Turn on your computer and insert the supplied CD/DVD into the CD/DVD-ROM drive of your computer.
2. When the language selecting screen appears, click the language that you wish to install from.
3. Click **Install POI Loader**.
4. Click **Next**. Follow the onscreen instructions to complete the installation.

5.2 Preparing the Source Files

The source files can be .xls or .csv files. The file must contain the following data:

- Longitude
- Latitude
- Name

The “Longitude” and “Latitude” fields are numerical values of the WGS84 system. The letter N/S/E/W before the value indicates the hemisphere North/South/East/West. If the letters are omitted, the program will simply match the values to your location of hemisphere (where you purchased your device).

In the “Name” field, give the location a name. If it is a location of speed camera, use the format *Name@Speed*, where *Speed* is the speed limit. Note that the unit of speed limit must be the same as the default unit of MioMap.

Excel File Format Example

Enter longitude in the first column, latitude in the second column, and name in the third column. Shown below is an example.

	A	B	C
1	N50.9311952	E4.2565993	Hometown
2	N50.9311	E4.25801	Speed Camera@50
3			

CSV File Format Example

You can use a text editor or spreadsheet program that supports the CSV (Comma Separated Value) file format to enter the data. In a CSV file, fields/columns are separated by the comma character and records/rows separated by newlines. Shown below is an example.

N50.9311952,E4.2565993,Hometown
N50.9311,E4.25801,Speed Camera@50

5.3 Importing POIs

NOTE: When importing .xls files, make sure that your computer has Microsoft Excel installed.

1. Have the .xls or .csv files ready on your computer. (See section 5.2 for the file structure.)
2. Prepare an SD card. This is where the POIs will be imported to.

Insert the SD card to your device and connect your device to your computer.

Alternatively, if you have a card reader, you can insert the SD card to the card reader and connect the card reader to your computer.

3. Click the **POI Loader** shortcut on the Windows desktop.

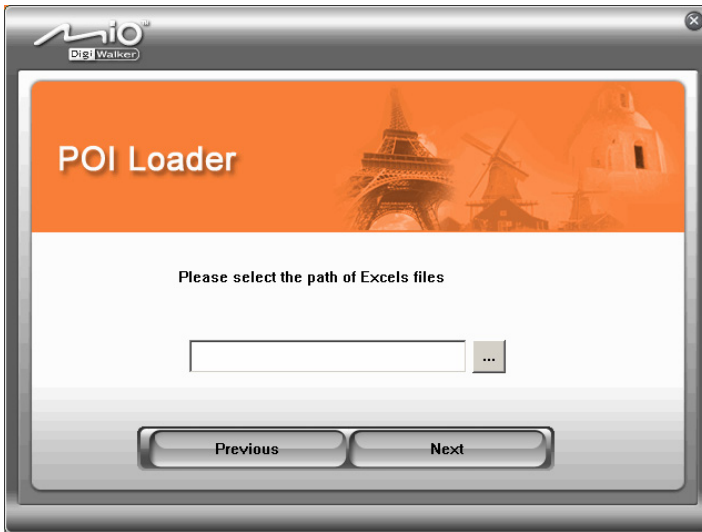
4. Click **Next**.
5. Select the drive name representing the SD card. The pull-down menu lists all the available removable disk(s) connected to your computer. Make sure that you select the correct one. You should not select **Mio Device**, which means the internal memory of your device.

In case you connect the device or card reader after POI Loader starts, you can click **Search** to refresh the list.



6. Click **Browse** to select the folder containing the source files.

NOTE: You can only specify the folder, not the file. All valid files in the selected folder will be loaded.



7. Click **Next**.
8. When completed, a message appears telling you the total number of files that have been imported. Click **Finish**.

CAUTION: Before disconnecting the cable, you must click the device icon in the task bar and click “Safely remove xxx” (where xxx is the name of your device). If you are transferring data, disconnecting the cable without following the correct removal procedure can result in data loss.

Using the Imported POIs with Your Device

Every time you want to use your POIs, you must insert the SD card before running MioMap. MioMap will load the data from the SD card and refresh the POIs.

NOTE:

- Inserting the SD card after MioMap is started does not make the program load the data.
- Such POIs will not be saved to your device after you exit MioMap.

6

Troubleshooting and Maintenance

6.1 Restart and Shut Down

Occasionally, you may need to reset your device. For example, you should reset your system when it stops responding; or appears to be “frozen” or “locked up.”

Restarting Your Device

To restart your device, press the power button for 5 seconds until the “Power Off Selection” screen appears and then tap **Restart**.



Shutting Down Your Device

To shut down your device, press the power button for 5 seconds until the “Power Off Selection” screen appears and then tap **Shutdown**.

Alternatively, you can press the power button for 10 seconds to directly shut down the device. This is useful when a software failure prevents the “Power Off Selection” screen from displaying.

Shutting down puts the device in a deep sleep state. The device will close all running programs before shutting down. To use the device again, press the power button for 5 seconds. The Home screen appears.

6.2 Troubleshooting

NOTE: If you encounter a problem you cannot solve, contact an authorized service center for assistance.

Power Problems

Power does not turn on when using battery power

- The remaining battery power may be too low to run your device. Charge the battery.

Screen Problems

Screen responds slowly

- Make sure that your device is not running out of battery power. If the problem still exists, reset your system.

Screen freezes

- Reset your system.

Screen is hard to read

- Make sure that the backlight of the display is on.
- Move to a location with more light.

Inaccurate response to taps

- Recalibrate the touch screen.

Connection Problems

Cable Connection Problems

- Make sure that your device and your computer are both turned on before trying to establish a connection.
- Make sure that the cable is securely plugged into the USB port on your computer and on the device. Connect the USB cable directly to your computer—do not run the cable through a USB hub.
- Reset your device before connecting the cable. Always disconnect your device before you restart your computer.

GPS Problems

When there are no valid signals available, consider the following:

- Make sure that the device is facing a clear view of the sky.
- Note that the GPS reception can be affected by:
 - ✓ Bad weather
 - ✓ Dense overhead obstacles (e.g. trees and tall buildings)
 - ✓ Other wireless device in the car
 - ✓ Reflective car window tint and heated screens.

6.3 Maintaining Your Device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to your device.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- Take care not to sit on the device. We advise not to carry the device in one's back pocket for that reason.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your device with it powered on. Use a soft, lint-free cloth moistened with water to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.

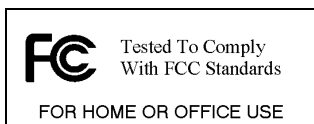
7

Regulatory Information

NOTE: Marking labels located on the exterior of your device indicate the regulations that your model complies with. Please check the marking labels on your device and refer to the corresponding statements in this chapter. Some notices apply to specific models only.

7.1 Regulations Statements

Class B Regulations



USA

Federal Communications Commission Radio Frequency Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to

provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Please note:

The use of a non-shielded interface cable with this equipment is prohibited.

FCC RF Radiation Exposure Statement

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, avoid direct contact to the transmitting antenna during transmitting.
3. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

Canada

Canadian Department of Communications

Radio Interference Regulations Class B Compliance Notice

This Class B digital apparatus meets all requirements of the Canada Interference-Causing equipment regulations.

Cet appareil numérique de Classe B respecte toutes les exigences du Règlement Canadien sur le matériel brouilleur.

7.2 Safety Precautions

- Prolonged listening of music in maximum volume can damage the ears.
- The use of headphones other than those recommended/supplied can cause hearing impairment due to excessive sound pressure.

About Charging

- Use only the charger supplied with your device. Use of another type will result in malfunction and/or danger.
- This product is intended to be supplied by a LISTED Power Unit marked with “LPS”, “Limited Power Source” and output rated + 5 V dc / 1.0 A”.
- Use a specified charger approved by the manufacturer.

About the AC Adapter

- Do not use the adapter in a high moisture environment. Never touch the adapter when your hands or feet are wet.
- Allow adequate ventilation around the adapter when using it to operate the device or charge the battery. Do not cover the AC adapter with paper or other objects that will reduce cooling. Do not use the AC adapter while it is inside a carrying case.
- Connect the adapter to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the adapter if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

About the Battery

- Use a specified battery in the equipment.

CAUTION: This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.

- Important instructions (for service personnel only)
 - ✓ **Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
 - ✓ Replace only with the same or equivalent type recommended by the manufacturer.
 - ✓ The battery must be recycled or disposed of properly.
 - ✓ Use the battery only in the specified equipment.